

01-29-2001

Docket No. AT9-99-104

C 1-16-01

R:



101597639

To the Assistant Commissioner for Patents. Please record the attach

1. Name of conveying party(ies):

Jose M. Nunez;  
Thomas Albert Petersen; and  
Marie J. Sullivan

Additional name(s) of conveying party(ies) attached?  Yes  No

2. Name and address of receiving party(ies):

Name: International Business Machines Corporation

Internal Address: \_\_\_\_\_

Street Address: New Orchard Road

City Armonk State NY ZIP 10504

Additional name(s) & address(es) attached?  Yes  No

3. Nature of Conveyance:

- Assignment
- Security Agreement
- Merger
- Change of Name

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Execution Date: 05/20/99

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of this application is: \_\_\_\_\_

A. Patent Application No. 09/315487 B. Patent No.(s) \_\_\_\_\_

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5. Name and address of party to whom correspondence concerning document should be mailed:

Attorney: Anthony V.S. England

Name: IBM Corporation

Address: Intellectual Property Law

Internal Zip 4054

11400 Burnet Road

City Austin State TX ZIP 78758

Phone: (512) 823-1309

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): .....\$ 40.00

- Enclosed
- Authorized to be charged to deposit account

8. Deposit account number: 09-0447

01/29/2001 DBYRNE 00000338 09315487  
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9. Statement and Signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Joseph Lally, Reg. 38,947  
Name of Person Signing

[Signature]  
Signature

01/12/01  
Date

Total number of pages including cover sheet: 4

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Docket No. AT9-79-104

To the Assistant Commissioner for Patents. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):  
Jose M. Nunez; and  
Thomas Albert Peterson; and  
Marie J. Sullivan.  
Additional name(s) of conveying party(ies) attached?  Yes  No

2. Name and address of receiving party(ies):  
Name: International Business Machines Corp  
Internal Address:  
Street Address: New Orchard Road  
City Armonk State NY ZIP 10504  
Additional name(s) & address(es) attached?  Yes  No

3. Nature of Conveyance:  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Other \_\_\_\_\_  
Execution Date: 5/20/99

4. Application number(s) or patent number(s):  
If this document is being filed together with a new application, the execution date of this application is: 5/20/99  
A. Patent Application No.(s) B. Patent No.(s)  
69315487 Additional numbers attached?  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:  
Attorney: Anthony V.S. England  
Name: IBM Corporation  
Address: Intellectual Property Law  
Internal Zip 4054  
11400 Burnet Road  
City Austin State TX ZIP 78758  
Phone: (512) 538-6648

6. Total number of applications and patents involved: 1  
7. Total fee (37 CFR 3.41): \$ 40.00  
 Enclosed  
 Authorized to be charged to deposit account  
8. Deposit account number: 09-0447

05/01/1999 MTH:11 00000184 090447 09315487  
Signature and Signatures  
To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.  
Anthony V.S. England  
Name of Person Signing

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Signature: Anthony V.S. England  
Date: 5/20/99  
Total number of pages including cover sheet: 3

IBM DOCKET NO. AT9-99-104

## ASSIGNMENT

Whereas, we,

(1) Jose Melanio Nunez of Austin,  
County of Travis and State of Texas

and

(2) Thomas Albert Petersen of Austin,  
County of Travis and State of Texas

and

(3) Marie Jeannette Sullivan of Leander,  
County of Williamson and State of Texas

have invented certain improvements in a Coherency Maintenance in a Multiprocessor System.

and executed a United States patent application therefore on:  
(Date Inventor Signed Declaration) (1) 5/20, 1999; (2) 5/20, 1999;  
and (3) 5/20, 1999.

Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at Armonk, New York 10504, (hereinafter called IBM), desires to acquire the entire right, title and interest in the said application and invention, and to any United States and foreign patents to be obtained therefore;

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, I, the above named, hereby sell, assign, and transfer to IBM, its successors and assigns, the entire right, title and interest in the said application and invention therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filing of said United States application, and I request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth in said application to IBM, its successors and assigns; and I hereby agree that IBM may apply for foreign Letters Patent on said invention and I will execute all papers necessary in connection with the United States and foreign application when called upon to do so by IBM.

1 of 1

PATENT  
REEL: 009982 FRAME: 0485PATENT  
REEL: 011460 FRAME: 0622

IBM LOCKET NO. AT9-99-104

(1) Signed at Austin on 5/20 1999.

Jose Melanio Nunez  
Jose Melanio Nunez

(2) Signed at Austin on 5/20 1999.

Thomas Albert Petersen  
Thomas Albert Petersen

(3) Signed at Austin on 5/20 1999.

Marie Scannette Sullivan  
Marie Scannette Sullivan

1 of 1

RECORDED: 05/20/1999

PATENT  
REEL: 009982 FRAME: 0486

RECORDED: 01/16/2001

PATENT  
REEL: 011460 FRAME: 0623